

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
CTH/108SERIAL NO.
09/620,177INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
James W. Shade and
Thomas A. NeinFILING DATE
July 20, 2000GROUP
3753

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DTK	A.A	4	5	8	9	9	4		9/1891	Bieber			
	A.B	9	2	6	5	3	2		06/1909	Wilson			
	A.C	1	2	2	7	1	8	7	05/1917	Olcott			
	A.D	1	8	3	9	7	6	1	01/1932	Hutton			
	A.E	2	0	9	5	7	0	2	10/1937	Johnson			
	A.F	2	7	8	7	4	4	2	04/1957	Lewis			
	A.G	2	8	2	1	7	6	8	02/1958	Beckham et al.			
	A.H	3	0	2	8	2	9	0	04/1962	Roberts et al.			
	A.I	3	1	3	1	9	5	4	05/1964	Kramer et al.			
	A.J	3	2	3	9	2	5	4	03/1966	Campbell			
DTK	A.K	3	2	9	8	7	2	1	01/1967	Wiley			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
DTK	A.L	1,488,423	06/1967	France			
DTK	A.M	349,784	12/1960	Switzerland			
DTK	A.N	769,622	10/1967	Canada			
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
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SEP 29 2000

INFORMATION DISCLOSURE
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James W. Shade and
Thomas A. Nein

(37 CFR 1.498(b))

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BTK	B.A	3	5	0	1	1	7	9	03/1970	Boynton et al.			
	B.B	3	6	6	2	5	7	9	05/1972	Lewis			
	B.C	3	6	6	9	4	7	3	06/1972	Martin et al.			
	B.D	3	7	0	8	1	8	7	01/1973	Campbell			
	B.E	3	7	0	8	8	6	7	01/1973	Meserole			
	B.F	3	7	5	8	1	3	9	09/1973	Meserole			
	B.G	3	7	8	2	7	6	3	01/1974	Henrickson			
	B.H	3	8	9	9	1	9	8	08/1975	Maroschak			
	B.I	3	9	5	1	4	3	9	04/1976	Schmunk			
	B.J	4	0	6	1	3	6	8	12/1977	Auriemma			
BTK	B.K	4	1	2	4	2	3	6	11/1978	Guidry			

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	B.L						
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	B.P						
	B.Q						

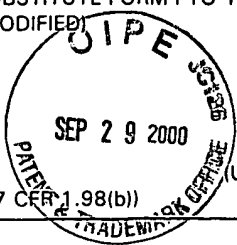
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<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>SEP 29 2000</p> </div> <div> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> </div> </div>				APPLICANT James W. Shade and Thomas A. Nein			
				FILING DATE July 20, 2000		GROUP 3753	

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
STK	C.A	4	1	4	9	7	4	0	04/1979	Hall				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> RECEIVED OCT-4 2000 MAIL ROOM OCT 13 2000 MAIL ROOM </div>
	C.B	4	1	7	4	9	8	5	11/1979	Buidry				
	C.C	4	1	7	6	8	6	5	12/1979	Felton et al.				
	C.D	4	2	7	3	3	6	7	06/1981	Keeney et al.				
	C.E	4	2	8	8	1	0	8	09/1981	Streit				
	C.F	4	3	6	0	2	2	7	11/1982	Bridges				
	C.G	4	3	6	2	1	8	7	12/1982	Harris et al.				
	C.H	4	4	4	3	0	3	1	04/1984	Borsh et al.				
	C.I	4	4	6	6	6	4	2	08/1984	Tonchen				
	C.J	4	5	2	4	9	9	9	06/1985	Pate et al.				
STK	C.K	4	6	6	4	4	2	8	05/1987	Bridges				

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	C.L						
	C.M						
	C.N						
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	C.P						
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
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SEP 29 2000
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
BTK	D.A 4 7 9 9 2 8 7	01/1989	Belanger et al.								
	D.B 4 8 6 5 3 5 7	09/1989	Brinegar								
	D.C 4 9 0 3 9 9 6	02/1990	Herr								
	D.D 4 9 2 2 5 8 3	05/1990	Wentworth								
	D.E 5 2 5 7 8 3 6	11/1993	Smith								
	D.F 5 2 9 4 1 9 0	03/1994	Feldmann et al.								
	D.G 5 3 2 6 1 3 8	07/1994	Claes et al.								
	D.H 5 3 3 5 9 4 5	08/1994	Meyers								
	D.I 5 3 8 3 6 9 3	01/1995	Shade								
	D.J 5 4 1 5 4 3 6	05/1995	Claes et al.								
BTK	D.K 5 4 1 5 4 4 0	05/1995	Kanao								

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D.L							
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D.O							
D.P							
D.Q							

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EXAMINER <i>Bradley K</i>	DATE CONSIDERED 8/12/01
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ETK	E.A	5	4	7	8	1	2	3	12/1995	Kanao			
	E.B	5	6	4	4	8	3	2	07/1997	Kanao			
	E.C	5	7	6	5	8	8	0	06/1998	Goddard			
ETK	E.D	5	9	2	4	2	8	2	07/1999	Thomas			
	E.E												
	E.F												
	E.G												
	E.H												
	E.I												
	E.J												
	E.K												

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